Amendments to the claims:

Please amend the claims as indicated below. Added text is underlined and deleted text is either struck through or shown in double enclosing brackets. Applicant avers that no new matter has been added.

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- 1. (Currently amended) In a network, a method of processing received e-mail messages comprising:
- a) identifying <u>origin-identifying</u> information about an origin of a received e-mail message, the origin-identifying information based on data from at least one item of data in the <u>received e-mail</u> message or at least one item of data used to send the <u>received e-mail</u> message, the origin-identifying information including at least one of the following:
 - i) an actual sender of the <u>received e-mail</u> message;
 - ii) a final [[IP]]Internet Protocol address;
 - iii) a final domain name;
- iv) a normalized reverse [[DNS]] <u>Domain Name Service</u>
 lookup of the final [[IP]] Internet Protocol address; or
 - v) an [[IP]] <u>Internet Protocol</u> path used to [[send]]<u>route</u> the <u>received e-mail</u> message;
 - b) categorizing whether the received <u>e-mail</u> message is solicited or unsolicited <u>e-mail</u> by using statistics based on <u>the</u> information about the origin of the <u>received e-mail</u> message; and
 - c) processing the received <u>e-mail</u> message based on its categorization.

- 2. (Currently amended) The method of claim 1 wherein the actual sender
- 2 is identified by combining at least two of the following pieces of identifying
- 3 information:
- a) an e-mail address used by an apparent sender;
- b) a display name used by the apparent sender;
- 6 c) the final [[IP]]Internet Protocol address-used by the sender;
- d) the final domain name-used by the sender; e) the
- 8 normalized reverse [[DNS]]Domain Name Service lookup of the final
- 9 [[IP]]<u>Internet Protocol</u> address;
- 10 f) a mail-from MAIL FROM address of the received e-mail
- 11 message;
- g) a domain name used by the <u>apparent</u> sender;
- 13 h) a name of client software used by the apparent sender;
- i) user-agent;
- i) timezone;
- k) source [[IP]]Internet Protocol address;
- 1) sendmail version of Sendmail® used by an initial first
- 18 receiver;
- m) the [[IP]]Internet Protocol path used to route the received e-
- 20 <u>mail</u> message; n) a range of [[IP]] <u>Internet Protocol</u> addresses;
- o) owner data stored in databases; or
- p) a normalized mail from MAIL FROM address of the received
- 23 e-mail message.
 - 3. (Currently amended) The method of claim 1 further comprising using
- 2 statistics compiled at at least one database to categorize whether the
- received e-mail message is solicited or unsolicited-e-mail.
- 4. (Currently amended) The method of claim 3 further comprising
- computing a score indicating a likelihood that the received e-mail message
- 3 is unsolicited e-mail using the statistics compiled at the at least one
- 4 database.

1	5. (Curren	tly amended) The method of claim 3 further comprising sending	
2	information	n about received e-mail messages to the at least one database,	
3	the sent in	formation including at least two of the following:	
4	a)	information identifying the actual sender;	
5	b)	whether the actual sender is included on a recipient's	
6	whitelist;		
7	c)	whether the actual sender is included on a recipient's	
8	blacklist;		
9	d)	information identifying the final [[IP]] Internet Protocol	
10	address;		
11	e)	whether the final [[IP]] Internet Protocol address is included	
12	on the recipient's whitelist;		
13	f)	whether the final [[IP]] Internet Protocol address is included	
14	on the recipient's blacklist;		
15	g)	information identifying the final domain name;	
16	h)	whether the final domain name is included on the recipient's	
17	whitelist;		
18	i)	whether the final domain name is included on the recipient's	
19	blacklist;		
20	j)	information identifying the normalized reverse	
21	[[DNS]] <u>Dor</u>	nain Name Service lookup of the final [[IP]]Internet Protocol	
22	address;		
23	k)	whether the normalized reverse [[DNS]] <u>Domain Name</u>	
24	Service lookup of the final [[IP]]Internet Protocol address is included on		
25	the recipient's whitelist;		

- the recipient's whitelist;
- whether the normalized reverse [[DNS]]Domain Name 26 Service lookup of the final [[IP]] Internet Protocol address is included on 27 the recipient's blacklist; 28
 - information identifying the [[IP]] Internet Protocol path; m)
- whether the [[IP]] Internet Protocol path is included on the n) 30 recipient's whitelist; 31
- whether the [[IP]]Internet Protocol path is included on the 0) 32 recipient's blacklist; 33

- whether the <u>received e-mail</u> message could be categorized locally; or
- q) whether a recipient changed a whitelist[[/]] or blacklist status
 of the received e mail message.
- 6. (Currently amended) The method of claim 3 further comprising
- requesting the at least one database to send a recipient statistics to a
- 3 recipient about the origin-identifying information.

- 7. (Currently amended) The method of claim 3 further comprising storing origin-identifying information from received <u>e-mail</u> messages including at least one of the following:
 - a) a total number of <u>e-mail</u> messages sent;
- b) a number of <u>e-mail</u> messages sent over a first predetermined time period;
 - c) a total number of <u>e-mail</u> messages sent to recipients in [[a]] the network who have included the origin on a <u>recipient's</u> whitelist;
 - d) a number of <u>e-mail</u> messages sent to recipients in the network who have included the origin on the <u>recipient's</u> whitelist over a second predetermined time period;
 - e) a number of recipients who have included the origin on the recipient's whitelist;
 - f) a total number of times a recipient changed [[the]]an origin's whitelist[[/]] or blacklist status;
 - g) a number of times [[a]]the recipient changed the origin's whitelist[[/]] or blacklist status over a third predetermined time period;
 - h) a total number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist;
 - i) a number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist over a fourth predetermined time period;
 - j) a total number of unique recipients in the network who have received at least one <u>e-mail</u> message from the origin;
- 25 k) a total number of <u>e·mail</u> messages sent to unique recipients 26 in [[a]]<u>the</u> network who have included the origin on [[a]]<u>the recipient's</u> 27 whitelist; or
- 28 l) a total number of <u>e-mail</u> messages sent to unique recipients 29 in the network who have not included the origin on the <u>recipient's</u> 30 whitelist.

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- 8. (Currently amended) The method of claim 3 wherein compiling statistics includes at least one of the following:
- a) determining a ratio of a first number of e-mail messages sent [[by]] from the origin to recipients in the network who have included the origin on [[the]] a recipient's whitelist in a predetermined time period divided by a second number of e-mail messages sent [[by]] from the origin to recipients in the network in the predetermined time period;
 - b) determining a ratio of a first number of recipients in the network who have included the origin on the <u>recipient's</u> whitelist divided by a second number of unique recipients in the network who received e-mail[[s]] <u>messages</u> from the origin in the predetermined time period;
 - c) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's whitelist to a recipient's blacklist divided by a second number of times a message from the origin of the e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
 - d) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist divided by a second number of times a message from the origin of the e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
 - e) determining a ratio of a first number of unique users within the network who whitelisted the origin within a predetermined time period compared to a second number of unique users within the network who blacklisted the origin within the predetermined time period;
 - f) determining a ratio reflecting whether the origin sends a majority of e-mail messages to recipients who have included the origin on the recipient's whitelist;
 - g) determining a ratio reflecting a first number of wanted <u>e</u>mail messages sent by the origin compared to a second number of unwanted or total e-mail messages sent by the origin;

- h) determining a difference between a first number of expected e-mail messages sent by the origin and a second number of unexpected e-mail messages sent by the origin;
 - i) determining a difference between a first number of times a user whitelisted a message from the origin of an e-mail message and a second number of times a user blacklisted a message from the origin of the e-mail message;
- determining a difference reflecting whether the origin sends a majority of e-mail messages to known recipients;
- k) converting any of the above ratios or differences to a score indicating [[the]]a likelihood the received e-mail message is unsolicited-e-mail; or
- applying the score to [[the]]appropriate e-mail_messages in [[the]]a spam folder.
 - 9. (Currently amended) The method of claim 3 further comprising setting
 - a predetermined threshold for accepting received e-mail messages based
 - on statistics associated with the origin-identifying information.

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- 1 10. (Currently amended) A computer-readable storage medium having
 2 instructions which, when read, cause a computer to perform a method of
 3 processing received e-mail messages comprising:
- a) identifying <u>origin-identifying</u> information about an origin of a received e-mail message, the origin-identifying information based on data from at least one item of data in the <u>received e-mail</u> message or at least one item of data used to send the <u>received e-mail</u> message, the origin-identifying information including at least one of the following:
 - i) an actual sender of the <u>received e-mail</u> message;
 - ii) a final [[IP]]<u>Internet Protocol</u> address;
- iii) a final domain name;

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- iv) a normalized reverse [[DNS]]<u>Domain Name Service</u>
 lookup of the final [[IP]]<u>Internet Protocol</u> address; or
- v) an [[IP]] <u>Internet Protocol</u> path used to [[send]]<u>route</u>
 the <u>received e-mail</u> message;
- b) categorizing whether the received <u>e-mail</u> message is solicited or unsolicited <u>e-mail</u> by using statistics based on information about the origin of the <u>received e-mail</u> message; and
 - c) processing the received <u>e-mail</u> message based on its categorization.

- 1 11. (Currently amended) The computer-readable storage medium of claim
- 2 10 wherein the method identifies the actual sender is identified by
- 3 combining at least two of the following pieces of identifying information:
- a) an e-mail address used by an apparent sender;
- b) a display name used by the apparent sender;
- 6 c) the final [[IP]] Internet Protocol address-used by the sender;
- 7 d) the final domain name used by the sender;
- e) the normalized reverse [[DNS]] <u>Domain Name Service</u> lookup
- 9 of the final [[IP]] Internet Protocol address;
- 10 f) a mail from MAIL FROM address of the received e-mail
- 11 <u>message</u>;
- g) a domain name used by the apparent sender;
- h) a name of client software used by the apparent sender;
- i) user-agent;
- j) timezone;
- k) source [[IP]]Internet Protocol address;
- l) sendmail version of Sendmail® used by an initial first
- 18 receiver;
- m) the [[IP]]Internet Protocol path used to route the received e-
- 20 mail message;
- n) a range of [[IP]] Internet Protocol addresses;
- o) owner data stored in databases; or
- p) a normalized mail from MAIL FROM address of the received
- e-mail message.
 - 1 12. (Currently amended) The computer readable storage medium of claim
 - 2 10 wherein the method further compris[[ing]]es using statistics compiled
 - at at least one database to categorize whether the received e-mail message
 - 4 is unsolicited e-mail.

- 1 13. (Currently amended) The computer-readable storage medium of claim
- 2 12, wherein the method further compris[[ing]]es using the statistics
- 3 compiled at the at least one database to compute a score indicating a
- 4 likelihood that the received e-mail message is solicited or unsolicited-e-
- 5 mail.

- 14. (Currently amended) The computer-readable storage medium of claim
- 2 12, wherein the method further compris[[ing]]es sending information
- about received e-mail messages to the at least one database, the
- 4 information including at least two of the following:
- a) information identifying the actual sender;
- b) whether the actual sender is included on a recipient's
- 7 whitelist;
- 8 c) whether the actual sender is included on a recipient's
- 9 blacklist;
- d) information identifying the final [[IP]] Internet Protocol
- 11 address;
- e) whether the final [[IP]] Internet Protocol address is included
- on the recipient's whitelist;
- 14 f) whether the final [[IP]] Internet Protocol address is included
- on the recipient's blacklist;
- g) information identifying the final domain name;
- 17 h) whether the final domain name is included on the recipient's
- 18 whitelist;
- i) whether the final domain name is included on the recipient's
- 20 blacklist;
- j) information identifying the normalized reverse
- [[DNS]]Domain Name Service lookup of the final [[IP]] Internet Protocol
- 23 address;
- k) whether the normalized reverse [[DNS]]Domain Name
- 25 Service lookup of the final Internet Protocol[[IP]] address is included on
- the recipient's whitelist;
- 27 l) whether the normalized reverse[[DNS]]Domain Name
- 28 Service lookup of the final [[IP]] Internet Protocol address is included on
- 29 the recipient's blacklist;
- m) information identifying the [[IP]] Internet Protocol path;
- n) whether the [[IP]] Internet Protocol path is included on the
- 32 recipient's whitelist;

- o) whether the [[IP]] Internet Protocol path is included on the recipient's blacklist;
- whether the <u>received e-mail</u> message could be categorized locally; or
- q) whether a recipient changed a whitelist[[/]] or blacklist status
 of the received e-mail message.
 - 15. (Currently amended) The computer-readable storage medium of claim
 - 2 12, the method further comprising requesting the at least one database to
 - send a recipient statistics to a recipient about the origin-identifying
 - 4 information.

- 16. (Currently amended) The computer-readable storage medium of claim
- 2 12[[,]] wherein the method further compris[[ing]]es storing the origin-
- 3 identifying information from received <u>e-mail</u> messages including at least
- 4 one of the following:

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- a) a total number of <u>e-mail</u> messages sent;
- b) a number of <u>e·mail</u> messages sent over a first predetermined time period;
 - c) a total number of <u>e-mail</u> messages sent to recipients in a network who have included the origin on a <u>recipient's</u> whitelist;
 - d) a number of <u>e-mail</u> messages sent to recipients in the network who have included the origin on the <u>recipient's</u> whitelist over a second predetermined time period;
 - e) a number of recipients who have included the origin on the recipient's whitelist;
- 15 f) a total number of times a recipient changed [[the]]an origin's

 16 whitelist[[/]] or blacklist status;
 - g) a number of times [[a]] the recipient changed the origin's whitelist[[/]] or blacklist status over a third predetermined time period;
 - h) a total number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist;
 - i) a number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist over a fourth predetermined time period;
 - j) a total number of unique recipients in the network who have received at least one <u>e-mail</u> message from the origin;
- 26 k) a total number of <u>e-mail</u> messages sent to unique recipients
 27 in [[a]]the network who have included the origin on [[a]]the recipient's
 28 whitelist; or
- 29 l) a total number of <u>e-mail</u> messages sent to unique recipients 30 in the network who have not included the origin on the <u>recipient's</u> 31 whitelist.

- 17. (Currently amended) The computer readable storage medium of claim 12 wherein compiling statistics includes at least one of the following:
 - a) determining a ratio of a first number of e-mail messages sent by the origin to recipients in [[the]]a network who have included the origin on [[the]]a recipient's whitelist in a predetermined time period divided by a second number of e-mail messages sent by the origin to recipients in the network in the predetermined time period;
 - b) determining a ratio of a first number of recipients in the network who have included the origin on the <u>recipient's</u> whitelist divided by a second number of unique recipients in the network who received e-mail <u>messages</u> from the origin in the predetermined time period;
 - c) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's whitelist to a recipient's blacklist divided by a second number of times a message from the origin of an e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
 - d) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist divided by a second number of times a message from the origin of the e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
 - e) determining a ratio of a first number of unique users within the network who whitelisted the origin within a predetermined time period compared to a second number of unique users within the network who blacklisted the origin within the predetermined time period;
 - f) determining a ratio reflecting whether the origin sends a majority of <u>e-mail</u> messages to recipients who have included the origin on the recipient's whitelist;
 - g) determining a ratio reflecting a first number of wanted email messages sent by the origin compared to a second number of unwanted or total email messages sent by the origin;

- h) determining a difference between a first number of expected <u>e-mail</u> messages sent by the origin and a second number of unexpected <u>e-mail</u> messages sent by the origin;
- i) determining a difference between a first number of times a user whitelisted a message from the origin of an e-mail message and a second number of times a user blacklisted a message from the origin of the e-mail message;
- determining a difference reflecting whether the origin sends a majority of e-mail messages to known recipients;
- k) converting any of the above ratios or differences to a score indicating <u>a-the-likelihood</u> the <u>received e-mail</u> message is unsolicited-e-mail; or
- applying the score to [[the]]appropriate <u>e·mail</u> messages in [[the]]<u>a</u> spam folder.
 - 18. (Currently amended) The computer-readable storage medium of claim
- 2 12, the method further comprising setting a predetermined threshold for
- accepting <u>received e-mail</u> messages based on statistics associated with the
- 4 origin-identifying information.

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19. (Currently amended) In a network, a method for categorizing received 1 e-mail messages, the method comprising: 2 collecting origin-identifying information about an origin of a a) 3 received [[an]] e-mail message, the origin-identifying information 4 including at least one of the following: 5 i) an actual sender of the received e-mail message; 6 ii) a final [[IP]]Internet Protocol address; 7 iii) a final domain name; 8 a normalized reverse [[DNS]]Domain Name Service iv) 9 lookup of the final [[IP]] Internet Protocol address; or 10 \mathbf{v}) an [[IP]] Internet Protocol path used to [[send]]route 11 the received e-mail message; and 12 b) compiling statistics at at least one database about the origin 13

based on the origin-identifying information, wherein the statistics are

used to categorize whether the received e-mail message is solicited or

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unsolicited.

- 20. (Currently amended) The method of claim 19 wherein the actual
- sender is identified by combining at least two of the following pieces of
- 3 identifying information:
- a) an e-mail address used by an apparent sender;
- b) a display name used by the apparent sender;
- c) the final [[IP]] Internet Protocol address used by the sender;
- 7 d) the final domain name-used by the sender;
- e) the normalized reverse[[DNS]]<u>Domain Name Service</u> lookup
- 9 of the final [[IP]]Internet Protocol address;
- 10 f) a mail from MAIL FROM address of the received e-mail
- 11 message;
- g) a domain name used by the apparent sender;
- 13 h) a name of client software used by the apparent sender;
- i) user-agent;
- j) timezone;
- k) source[[IP]]Internet Protocol address;
- 17 l) sendmailversion of Sendmail® used by an initial first
- 18 receiver;
- m) the [[IP]]<u>Internet Protocol</u> path used to route the <u>received e-</u>
- 20 <u>mail</u> message;
- 21 n) a range of [[IP]] Internet Protocol addresses;
- o) owner data stored in databases; or
- p) a normalized mail from address of the received e-mail
- 24 message.
 - 21. (Currently amended) The method of claim 19 further comprising using
 - statistics compiled at the at least one database to compute a score
 - 3 indicating a likelihood that the received e-mail message is solicited or
 - 4 unsolicited-e-mail.

1	22. (Curren	tly amended) The method of claim 19 further comprising	
2	sending information about received e-mail messages to the at least one		
3	database, the information including at least two of the following:		
4	a)	information identifying the actual sender;	
5	b)	whether the actual sender is included on a recipient's	
6	whitelist;		
7	c)	whether the actual sender is included on a recipient's	
8	blacklist;		
9	d)	information identifying the final[[IP]] <u>Internet Protocol</u>	
10	address;		
11	e)	whether the final [[IP]] Internet Protocol address is included	
12	on the recipient's whitelist;		
13	f)	whether the final [[IP]] Internet Protocol address is included	
14	on the recipient's blacklist;		
15	g)	information identifying the final domain name;	
16	h)	whether the final domain name is included on the recipient's	
17	whitelist;		
18	i)	whether the final domain name is included on the recipient's	
19	blacklist;		
20	j)	information identifying the normalized reverse	
21	[[DNS]]Don	nain Name Service lookup of the final [[IP]]Internet Protocol	
22	address;		
23	k)	whether the normalized reverse [[DNS]]Domain Name	
24	Service look	rup of the final [[IP]] <u>Internet Protocol</u> address is included on	
25	the recipien	t's whitelist;	
26	1)	whether the normalized reverse [[DNS]]Domain Name	
27	Service look	rup of the final [[IP]] <u>Internet Protocol</u> address is included on	
28	the recipien	t's blacklist;	
29	m)	information identifying the [[IP]] <u>Internet Protocol</u> path;	
30	n)	whether the [[IP]] Internet Protocol path is included on the	
31	recipient's whitelist;		
32	0)	whether the [[IP]] Internet Protocol path is included on the	
33	recipient's b	olacklist;	

- p) whether the <u>received e-mail</u> message could be categorized locally; or
- q) whether a recipient changed a whitelist[[/]] <u>or</u> blacklist status
 of the <u>received e-mail</u> message.
 - 23. (Currently amended) The method of claim 19 further comprising
 - 2 requesting the at least one database to send a recipient statistics to a
- 3 recipient about origin-identifying information.

- 24. (Currently amended) The method of claim 19 further comprising storing origin-identifying information about <u>received e-mail</u> messages including at least one of the following:
 - a) a total number of e-mail messages sent;
- b) a number of <u>e-mail</u> messages sent over a first predetermined time period;
 - c) a total number of <u>e-mail</u> messages sent to recipients in [[a]]the network who have included the origin on a <u>recipient's</u> whitelist;
 - d) a number of <u>e-mail</u> messages sent to recipients in the network who have included the origin on the <u>recipient's</u> whitelist over a second predetermined time period;
 - e) a number of recipients who have included the origin on the recipient's whitelist;
 - f) a total number of times a recipient changed [[the]]an origin's whitelist[[/]] or blacklist status;
 - g) a number of times [[a]] the recipient changed the origin's whitelist[[/]] or blacklist status over a third predetermined time period;
 - h) a total number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist;
 - i) a number of <u>e-mail</u> messages sent to recipients in the network who have not included the origin on the <u>recipient's</u> whitelist over a fourth predetermined time period;
- j) a total number of unique recipients in the network who have received at least one e-mail message from the origin;
- 25 k) a total number of <u>e-mail</u> messages sent to unique recipients
 26 in [[a]] the network who have included the origin on [[a]] the recipient's
 27 whitelist; or
- 28 l) a total number of <u>e-mail</u> messages sent to unique recipients 29 in the network who have not included the origin on the <u>recipient's</u> 30 whitelist.

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- 25. (Currently amended) The method of claim 19 wherein compiling the statistics includes at least one of the following:
- a) determining a ratio of a first number of e-mail messages sent by the origin to recipients in the network who have included the origin on [[the]]a recipient's whitelist in a predetermined time period divided by a second number of e-mail messages sent by the origin to recipients in the network in the predetermined time period;
- b) determining a ratio of a first number of recipients in the network who have included the origin on the <u>recipient's</u> whitelist divided by a second number of unique recipients in the network who received e-mail[[s]] <u>messages</u> from the origin in the predetermined time period;
- c) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's whitelist to a recipient's blacklist divided by a second number of times a message from the origin of the e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
- d) determining a ratio of a first number of times in a predetermined time interval a message from the origin of an e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist divided by a second number of times a message from the origin of the e-mail message was moved from [[a]]the recipient's blacklist to [[a]]the recipient's whitelist;
- e) determining a ratio of a first number of unique users within the network who whitelisted the origin within a predetermined time period compared to a second number of unique users within the network who blacklisted the origin within the predetermined time period;
- f) determining a ratio reflecting whether the origin sends a majority of <u>e-mail</u> messages to recipients who have included the origin on the <u>recipient's</u> whitelist;

- g) determining a ratio reflecting a first number of wanted email messages sent by the origin compared to a second number of unwanted or total e-mail messages sent by the origin;
- h) determining a difference between a first number of expected <u>e-mail</u> messages sent by the origin and a second number of unexpected <u>e-mail</u> messages sent by the origin;
- i) determining a difference between a first number of times a user whitelisted a message from the origin of an e-mail message and a second number of times a user blacklisted a message from the origin of the e-mail message;
- j) determining a difference reflecting whether the origin sends a majority of e-mail messages to known recipients;
- k) converting any of the above ratios or differences to a score indicating <u>a the</u> likelihood the <u>received e-mail</u> message is unsolicited e-mail; or
- applying the score to [[the]]appropriate <u>e-mail</u> messages in [[the]]<u>a</u> spam folder.
 - 26. (Currently amended) The method of claim 19 further comprising
- setting a predetermined threshold for accepting received e-mail messages
- based on the statistics associated with origin-identifying information.

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